INTERNATIONAL SEARCH REPORT

Int onal Application No Pull GB2004/004123

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 E21B47/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to dalm No.
X	EP 0 422 706 A (SCHLUMBERGER PROSPECTION; ANADRILL INT SA (PA)) 17 April 1991 (1991-04-17) column 1, line 35 - line 50 column 6, line 2 - line 6 column 11, line 24 - line 33	1-5,7
X	US 4 852 052 A (FREY JAMES E ET AL) 25 July 1989 (1989-07-25) column 1, line 38 - column 2, line 3 column 3, line 10 - column 4, line 43	1-5,7
X	EP 0 274 207 A (FOREX NEPTUNE SA) 13 July 1988 (1988-07-13) column 1, line 1 - column 2, line 25 column 3, line 25 - line 35 claim 9 -/	1-5,7,8

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Further documents are listed in the continuation of box C. Special categories of cited documents:	Patent family members are listed in annex.		
A document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed	"T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '&' document member of the same patent family		
Date of the actual completion of the international search	Date of mailing of the International search report		
7 January 2005 Name and mailing address of the ISA	18/01/2005 Authorized officer		
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Ott, S		

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT							
Category •	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.					
		Relevant to claim No.					

INTERNATIONAL SEARCH REPORT

...formation on patent family members

Inte inal Application No
PC 1/GB2004/004123

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0422706	A	17-04-1991	US CA EP NO	4976143 A 2026869 A1 0422706 A2 904164 A	11-12-1990 05-04-1991 17-04-1991 05-04-1991
US 4852052	A	25-07-1989	GB NL NO	2205980 A ,B 8801364 A 882362 A	21-12-1988 16-12-1988 29-11-1988
EP 0274207	A	13-07-1988	FR DE EP IN NO US	2608208 A1 3773477 D1 0274207 A1 170357 A1 875133 A ,B 4852665 A	17-06-1988 07-11-1991 13-07-1988 21-03-1992 13-06-1988 01-08-1989
EP 0654687	A	24-05-1995	US CA EP NO	5511037 A 2133037 A1 0654687 A2 943733 A	23-04-1996 23-04-1995 24-05-1995 24-04-1995